# User Manual

For Model BTHF009DFP
Bluetooth Portable Handsfree Car Kit
With Caller ID Display & Phonebook

V3.4

## Notice 1

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

## Notice 2

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## Care and Maintenance

- Check the laws and regulations on the use of mobile phones and handsfree equipment in the area where you drive.
- Always give full attention to driving. In some areas, you are required to pull off the road and park before making or answering a call.
- Do not expose the handsfree to extreme temperature or direct sunlight.
- Do not expose it to moisture or humidity. Keep it away from any liquid or chemicals.
- Do not keep the device in dusty or dirty area. Only use a soft damp cloth to clean it.
- Do not attempt to disassemble the handsfree and the chargers.
- Do not try to replace the rechargeable battery inside the handsfree.
- Charge the handsfree only with the supplied charger.
- Travel charger can only be used indoor under normal temperature and humidity.

## Specification

| | |
|---|---|
| Bluetooth Specification | : Version 2.0 compliant |
| Bluetooth Profile Supported | : Headset and Handsfree Profiles |
| Frequency Range | : 2.4 GHz spectrum |
| Working Distance Range | : 10 Meters (class 2) |
| Dimensions (main unit) | : 131(L) x 78 (W) x 21.8 (T) mm |
| Weight (main unit) | : 160 g |
| LCD Display | : 12 digits caller number display, battery status icon, backlight. |
| Phonebook | : Bluetooth wireless download, stores up to 250 records. |
| DSP | : Full duplex transmission, noise suppression and echo cancellation. |
| Pairing | : Memorize up to 4 mobile phones simultaneously. |
| Charging Time | : Within 3 hours |
| Talking Time | : Up to 15 hours |
| Standby Time | : Up to 250 hours |
| Rechargeable Battery | : Lithium-ion, 3.6V, 1100 mAh installed |
| Battery Protection | : Over charge and over discharge protection |
| Input Current | : 350 mA (internal controlled) |
| Input Voltage | : DC 5V |
| Speaker Power | : 2W (max) |
| Speaker Impedance | : 8 ohm |
| Sensitivity of Microphone | : -47dB |



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# Overview

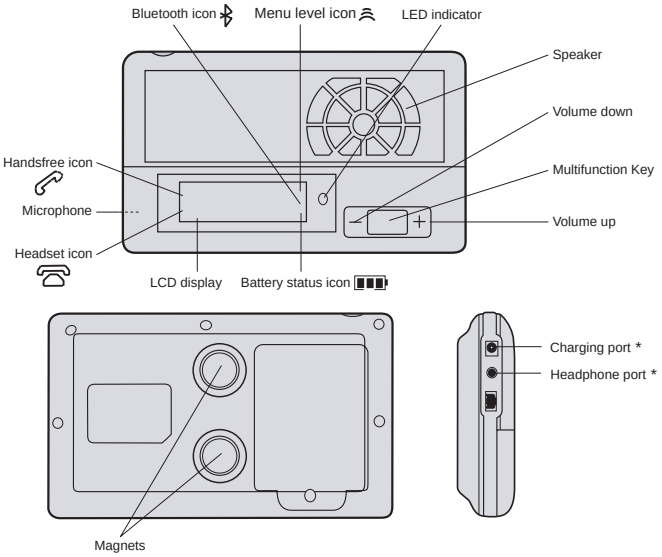
Model BTHF009DFP

Bluetooth Portable Handsfree Car Kit with Caller ID Display & Phonebook

Thank you for selecting BTHF009DFP Bluetooth portable handsfree car kit. It is a rechargeable speakerphone which is easy to operate in car and portable to use anywhere. It is specially designed for connecting Bluetooth compatible mobile phones without wires in car. No matter if the car is switched on or not, you can enjoy the freedom of wireless communication. No power connection or connection to the mobile phone is required. Using the single-button control of the handsfree, you can make and answer calls without touching the phone. You can even leave the phone in pocket or anywhere inside the car. With built-in DSP circuit, echo and background noise are cancelled and suppressed effectively. Thus providing clear sound and high quality conversation even in noisy environment.

This handsfree car kit is specially designed for Bluetooth mobile phones or other Bluetooth compatible devices that support the Handsfree or Headset profiles.

The Bluetooth wireless technology is a worldwide specification for a small form-factor, low-cost and short-range (about 10 meters) radio solution providing links between mobile computers, mobile phones, other portable and handheld devices and connectivity to the internet.







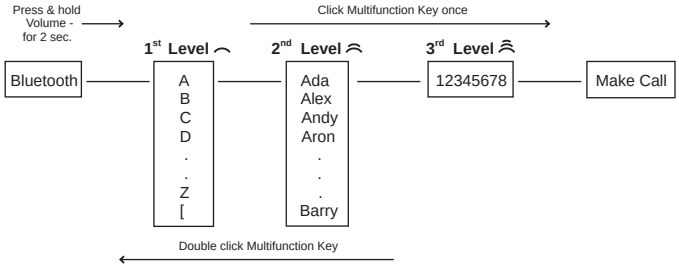
*These may be on the right hand side on some models



## Dial from phonebook

1. In stand by mode, press & hold 'Volume -' button for 2 seconds to enter phonebook menu.
2. LCD displays letter 'A'. This is the 1st level of the menu, click 'Volume +' or 'Volume -' to move to other letters. The phonebook records of the 1st letter of the names are listed from A to Z in alphabetical order. Other symbols are listed in '['.
3. Click Multifunction Key to enter the desired letter. This is the 2nd level of the menu. The name under the letter will be shown. Click 'Volume +' or 'Volume -' to move to other names.
4. Click Multifunction Key to select the desired name. The phone number will be shown.
5. Click Multifunction Key to dial the number.

## Menu Structure




## Exit phonebook

Double click Multifunction Key to go back to the pervious menu level or exit the menu.
(When there is an incoming call or making connection/disconnection with phone, the phone book menu will be exited automatically.)

## Erase all phonebook records

1. Disconnect the phone with BTHF009DFP. (Press and hold volume ' + ' botton for 2 seconds.)
2. Click together the volume ' + ' and ' - ' bottons once.
3. BTHF009DFP displays ' Erase? ' . Press ' + ' to erase. Press ' - ' to leave.

## Phonebook

You can wirelessly transfer your phonebook records from your phone to the memory of BTHF009DFP. In the phonebook menu, you can check the contact name and number and then dial out directly. When there is an incoming call and the number matches the phonebook record, BTHF009DFP will show the caller name on the LCD.

### Transfer phonebook records

You can transfer a single record or all the records from the phone at one time. Some phone models support single record transfer only. Please refer to your phone user manual.

**Transfer single record, for typical Nokia phones:**

1. Connect the phone with BTHF009DFP.
2. In the 'Contacts' menu, select the record you will transfer.
3. Select 'Send bus. Card' from 'Options'.
4. Select 'via Bluetooth'. The phone displays 'Bluetooth will be switched off. Continue?'. Select 'Yes' . The phone searches and displays 'HF009' device.
5. Select 'HF009'. The phone sends the record and displays 'Business card sent'. BTHF009DFP displays 'Reading..XXX'. (XXX is the number of records received.)
6. If you would transfer another record, repeat steps 1 to 5.
7. When the records needed are transferred, press and hold 'Volume -' for 2 seconds. BTHF009DFP displays 'Writing…' ,'import XXX', 'Pbook OK' and then 'BLUETOOTH'. (This process should not be operated inside the phonebook menu of the BTHF009DFP. To exit the menu, double click Multifunction Key.)
8. Click Multifunction Key once to reconnect with the phone.

**Transfer all records, for typical Sony Ericsson phones:**

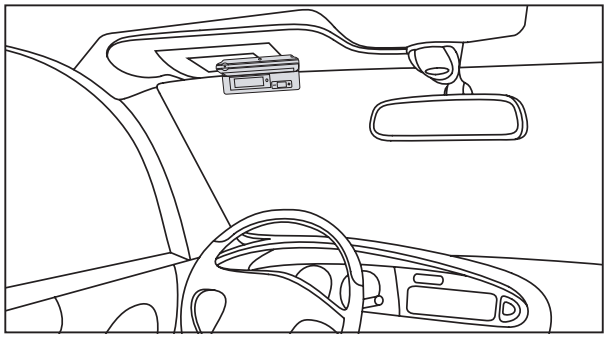
1. Disconnect the phone with BTHF009DFP.
2. In the 'Phonebook/Contacts' menu of the phone, select 'Advanced/Option'.
3. Select 'Send all'.
4. Select 'Via Bluetooth'. The phone searches and displays 'HF009' device.
5. Select 'HF009'. The phone sends the record and displays 'Sending to HF009' and 'Contact sent'. BTHF009DFP displays 'Reading..XXX'. (XXX is the number of records received.
6. When the records needed are transferred, press and hold 'Volume -' for 2 seconds. BTHF009DFP displays 'Writing…' ,'import XXX', 'Pbook OK' and then 'BLUETOOTH'. (This process should not be operated inside the phonebook menu of the BTHF009DFP. To exit the menu, double click Multifunction Key.)
7. Click Multifunction Key once to reconnect with the phone.

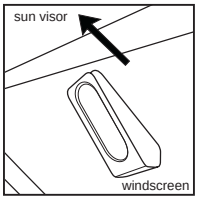
**Note:**

- When the memory (250 records) is full, BTHF009DFP will not receive the exceed records.
- Do not put punctuation at the first letter of the contact name such as . ; \ because they would stop the record transfer process.
- Some phone models do not support transferring records from SIM card directly. In such case, copy records from SIM card to phone first.
- Don't press any button of BTHF009DFP during the record transfer process. It will cancel the process.

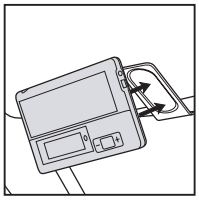


## Use in car

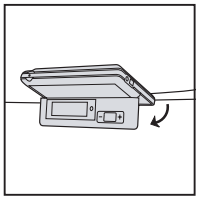





1. Fix the provided metal clip onto sun visor from windscreen towards driver position as show.

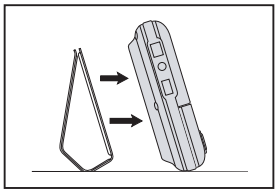


2. Attach the magnet back of the handsfree to the fixed metal clip.

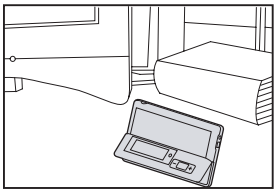


3. Flip out LCD to switch on.

## Use at office / home



1. Attach the metal clip to the back of the handsfree and put it on a flat surface.



2. Flip out LCD to switch on.

## Quick User Guide

| Status | Operation | LED Indicator & Sound | LCD Display |
|---|---|---|---|
| Switch On | Simply filp out the LCD from the unit from off mode. | A low to high 'dodo' sound. Flashes blue every 5 seconds, indicates in idle mode. | HF009 > BLUETOOTH |
| Connect / Reconnect (with paired phone) | In idle mode, press Multifunction Key once<br>OR<br>Select paired device 'HF009' on mobile phone, and then select 'Connect'. | Flashes blue every second indicates searching for paired devices. If connected to mobile with Handsfree Profile, blue always on indicates in standby mode. | Connecting > BLUETOOTH > Display |
| Switch Off | Simply flip in the LCD. | LED indicator goes off | - |
| Pairing (for the first time using the handsfree) | 1. Switch on the handsfree.<br>2. Enable Bluetooth feature of the mobile phone.<br>3. In the Bluetooth menu, select 'add device' or 'search device'.<br>4. 'HF009' appears in the device list, press 'yes'.<br>5. Enter fixed pass key '8888'. Pairing completes.<br>6. Edit the device name if you would like to personalize it. | Flashes blue every 5 seconds, indicates in idle mode.<br>If connected with Handsfree Profile, blue always on indicates in standby mode. | Mobile phone model name > Connecting > BLUETOOTH |
| Receive Call | When handsfree is ringing, press Multifunction Key once. | - | Call number > Active Call |
| Reject Call | When handsfree is ringing, press Multifunction Key twice. | - | BLUETOOTH |
| End Call | During a call, press Multifunction Key once. | - | BLUETOOTH |
| Transfer to phone | During a call, press & hold Multifunction Key for 3 seconds. To transfer back, press once again. | - | BLUETOOTH |



| | |
|---|---|
| Transfer to phone (call transfer) | During a call, press & hold Multifunction Key for 3 seconds. LCD displays 'BLUETOOTH'.<br>To transfer back to handsfree, press once again. |
| Redial the last number | In standby mode, press Multifunction Key twice. The last number will be redialed. LCD displays 'Dialing'. |
| Voice dial | In standby mode, press Multifunction Key once. LCD displays 'Voice Call'. You will hear a tone from the handsfree. It indicates the mobile phone is ready to receive voice tag. Speak the name of the person you wish to call. Then the mobile starts the voice dial automatically.<br>(Ensure the mobile phone supports Voice Control Dialing before use.) |
| Mute microphone | To temporarily mute the microphone, click together the volume '+' and '-' buttons once. You will hear 'do' sounds. This will allow you to hear the other side but the other side does not hear you. Press '+' and '-' again for un-mute. |
| Adjust volume | Press '+' or '-' button to control volume up or down. LCD displays the volume level. |
| Privacy call | Connect external headphone. This will allow you to hear the other side but the other people inside the car cannot. |
| Disconnect with mobile | In standby mode, press & hold the '+' for 2 seconds. This function is for connecting the handsfree to another mobile. LCD displays 'BLUETOOTH'.<br>To reconnect to the phone, click Multifunction Key once. |

* Functions 'Caller ID display', 'Redial the last number', 'Call waiting' and 'Call transfer' are supported by Handsfree Profile instead of Headset Profile. For using those functions, please check if the mobile phone supports Handsfree Profile.

* Function 'Volume Level Display' is available if the phone supports 'Remote Volume Control'.

## Connect / Reconnect to phone

After the handsfree is switched on, it is in idle mode. It is waiting to be paired or connnected by mobile phone. The LED indicator flashes blue every 5 seconds indicates this mode. When the handsfree and the device are disconnected, the handsfree will return back to idle mode.

### To connect with phone

EITHER

To connect with paired phone or reconnect with previously connected phone, click Multifunction Key once. The handsfree will search and connect to the phone nearby automatically. (The LED indicator flashes blue every second indicates the searching mode. The searching may last for 1/2 minute. If no phone can be found, the handsfree will return to idle mode.)

OR

To connect with the handsfree through the phone, in the setting menu of the phone, select ‘HF009’ from ‘Paired Device’. Select ‘connect’ and the phone will connect to the handsfree.

## Handsfree Functions

| | |
|---|---|
| Receive call | When handsfree is ringing, the LCD displays the calling number. Press Multifunction Key once to receive the call and ‘Active Call’ will be displayed. |
| Reject call | When handsfree is ringing, the LCD displays the calling number. Press Multifunction Key twice to reject the call and ‘BLUETOOTH’ will be displayed. |
| End call | During a call, press Multifunction Key once. LCD displays ‘BLUETOOTH’. |
| Switch to/from waiting call (call waiting) | When a second call dials in during the call, the LCD displays the second calling number.<br>1. Reject the incoming call if no any operation in 8 seconds.<br>2. Reject the incoming call if double click Multifunction Key.<br>3. To receive the incoming call and end the active call, click Multifunction Key once.<br>4. To switch to the incoming call, press & hold Multifunction Key for 2 seconds. LCD displays 'Call Hold'. To switch back, press & hold for 2 seconds again. |



| Status | Operation | LED Indicator & Sound | LCD Display |
|---|---|---|---|
| Switch to/ from waiting call | During a call, when another call dials in:<br>1.Reject the incoming call if no any operation in 8 seconds.<br>2.Reject the incoming call if double click Multifunction Key.<br>3.To receive the incoming call and end the active call, click Multifunction Key once.<br>4.To switch to the incoming call, press & hold Multifunction Key for 2 seconds. To switch back, press & hold for 2 seconds again. | 'do' sound | Caller number<br>><br>Call Hold |
| Redial last number | In standby mode, press Multi-function Key twice. | - | Redial |
| Voice dial | In standby mode, press Multi-function Key once. | A tone from the hands-free indicates the phone is ready to receive voice tag. | Voice Call<br>><br>Dialing |
| Mute microphone | During a call, click together '+' and '-' buttons once. Click again for un-mute. | 'do' sound. (You can still hear the other side.) | MUTE MIC / UNMUTE MIC |
| Adjust Volume | Click '+' or '-' button to control the volume up or down. | - | VOL |
| Privacy call | Connect external headphone to headphone port. | - | - |
| Disconnect with mobile | Press & hold '+' for 2 seconds. To reconnect to phone, click Multifunction Key once. | - | BLUETOOTH |
| Low battery | - | Red & Blue flashes and 'do' sound | Low Battery |
| Charging | Connect to charger | Constantly red on | Charging |
| Charging completed | Within 3 hours | Stops red | BLUETOOTH |

## Getting Started

For the first time using the handsfree, please:

- Charge handsfree with the provided charger for 3 hours.
- Ensure a Bluetooth function supporting mobile phone is ready for pairing.

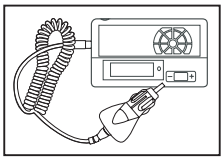
## Charging

Charge with saver charger (cigarette light adaptor)

Switch on the handsfree.

Connect the saver charger to the in car cigarette socket, and then to the charging port of the handsfree.

LED indicator constantly red on

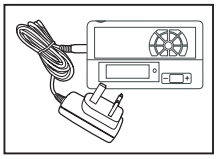


Charge with travel charger

Switch on the handsfree.

Connect the travel charger to a wall outlet, and then to the charging port of the handsfree

LED indicator constantly red on



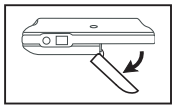
Notes:

- Maximum charging time: 3 hours
- LED indicator stops red when fully charged.
- Talking time: up to 15 hours
  Standby time: up to 250 hours
- Low battery signal: LED indicator flashes blue & red, 'do' sound until handsfree is recharged.
- Do not charge up to 24 hours.

## Switch On / Off

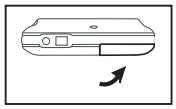
Switch on handsfree

Simply flip out the LCD from the unit, you will hear a low to high 'dodo' sound and LED indicator flashes blue.



Switch off handsfree

Simply flip in the LCD, LED indicator goes off.





## Pairing with a phone

Before using the handsfree, you must pair it with the mobile phone first. Once the handsfree and the phone has paired. they store the ID of each other. Thus they can connect each other automatically. You can check, delete or rename the paired device in the devices list of the mobile phone.

1. Place the Bluetooth handsfree and the Bluetooth mobile phone within a distance of 1 meter.
2. Switch on the Bluetooth mobile phone and enable Bluetooth feature.*If the phone has 'Profile' options, you are recommended to select 'Handsfree Profile' rather than 'Headset Profile'
3. Turn on the handsfree. The LED indicator flashes blue every 5 seconds indicates it is in idle mode.
4. On the Bluetooth mobile, searching for device, 'HF009' will appear in the device list.
5. Select device 'HF009' and enter fixed pass key '8888'. Pairing completed. The LED indicator turns blue steadily indicates the handsfree is connected to the phone with Handsfree Profile.
6. Make sure the paired mobile has returned to main menu.
7. The volume is automatically set to middle level. For best performance, press '+' or '-' to adjust a suitable volume level.

Check if the mobile displays any message or icon which indicates the connecting status. After pairing completed, some phones automatically connect to handsfree immediately. Some phones keep waiting for builting up the connection manually. In this case, press Multifunction Key once, BTHF009DFP will connect to the phone. Or you can select 'HF009' from the "Paired Device' of the phone. the phone will connect to the handsfree. Please refer to your phone's user manual.

You should now be able to make wireless communication with the handsfree. Keep the distance between the handsfree and the mobile within 10 meters and free from obstacles. You can dial and receive calls by the phone, or activate the voice dialing, redial the last number and receive calls through the handsfree.

* 'Handsfree Profile' supports 'Caller ID display', 'Voice dial', 'Redial the last number', 'Call waiting' and 'Call transfer' functions. If the mobile phone only supports 'Headset Profile', those functions are not available.